

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 08/978,636C  
Source: IFW/6  
Date Processed by STIC: 2/24/05

***ENTERED***

**CRF Errors Edited by the STIC Systems  
Branch**

Serial Number: 08/978,636C

CRF Edit Date: 2/25/05  
Edited by: AS

\_\_\_\_\_ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

\_\_\_\_\_ Corrected the SEQ ID NO. Sequence numbers edited were:

\_\_\_\_\_

\_\_\_\_\_ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

\_\_\_\_\_

\_\_\_\_\_ Deleted:    invalid beginning/end-of-file text ;    page numbers

\_\_\_\_\_ Inserted mandatory headings/numeric identifiers, specifically:

\_\_\_\_\_

\_\_\_\_\_ Moved responses to same line as heading/numeric identifier, specifically:

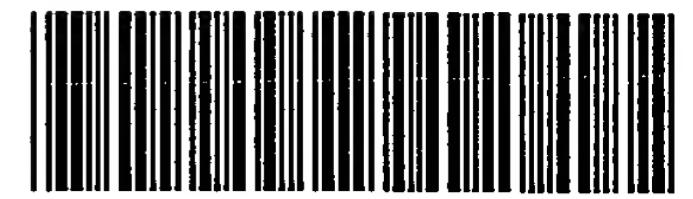
\_\_\_\_\_

\_\_\_\_\_ Other:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



IFW16

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/08/978,636C

DATE: 02/25/2005

TIME: 10:02:37

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\02252005\H978636C.raw

3 <110> APPLICANT: RABBANI, ELAZAR  
 4 STAVRIANOPOULOS, JANNIS G.  
 5 DONEGAN, JAMES J.  
 6 LIU, DAKAI  
 7 KELKER, NORMAN E.  
 8 ENGELHARDT, DEAN L.  
 10 <120> TITLE OF INVENTION: NOVEL PROPERTY EFFECTING AND/OR PROPERTY EXHIBITING  
 11 COMPOSITIONS FOR THERAPEUTIC AND DIAGNOSTIC USE  
 13 <130> FILE REFERENCE: ENZ-53 (D3)  
 15 <140> CURRENT APPLICATION NUMBER: 08/978,636C  
 16 <141> CURRENT FILING DATE: 1997-11-25  
 18 <150> PRIOR APPLICATION NUMBER: 08/574,443  
 19 <151> PRIOR FILING DATE: 1995-12-15  
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 23 <170> SOFTWARE: PatentIn Ver. 3.2  
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 26 <211> LENGTH: 20  
 27 <212> TYPE: PRT  
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 34 Met Ile Ala Gly  
 35 20  
 38 <210> SEQ ID NO: 2  
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 40 <212> TYPE: DNA  
 41 <213> ORGANISM: Bacteriophage T7  
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 50 <212> TYPE: DNA  
 51 <213> ORGANISM: Simian virus 40  
 53 <400> SEQUENCE: 3  
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 58 <210> SEQ ID NO: 4  
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 60 <212> TYPE: DNA  
 61 <213> ORGANISM: Simian virus 40  
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 64 tgtattttag attcaa 16  
 66 <210> SEQ ID NO: 5

**RAW SEQUENCE LISTING**  
 PATENT APPLICATION: US/08/978,636C

DATE: 02/25/2005  
 TIME: 10:02:37

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**RAW SEQUENCE LISTING**  
 PATENT APPLICATION: US/08/978,636C

DATE: 02/25/2005  
 TIME: 10:02:37

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 187 <213> ORGANISM: Artificial Sequence  
 189 <220> FEATURE:  
 190 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic oligonucleotide  
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 196 <211> LENGTH: 92  
 197 <212> TYPE: DNA

198 <213> ORGANISM: Artificial Sequence  
200 <220> FEATURE:

**RAW SEQUENCE LISTING**  
 PATENT APPLICATION: US/08/978,636C

DATE: 02/25/2005  
 TIME: 10:02:37

Input Set : A:\PTO.AMC.txt  
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201 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic oligonucleotide

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207 <210> SEQ ID NO: 19

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212 <220> FEATURE:

213 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic oligonucleotide

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236 <220> FEATURE:

237 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic oligonucleotide

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244 <211> LENGTH: 13

245 <212> TYPE: DNA

246 <213> ORGANISM: Artificial Sequence

248 <220> FEATURE:

249 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic oligonucleotide

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260 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic oligonucleotide

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266 <210> SEQ ID NO: 24  
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**RAW SEQUENCE LISTING**  
 PATENT APPLICATION: US/08/978,636C

DATE: 02/25/2005  
 TIME: 10:02:37

Input Set : A:\PTO.AMC.txt  
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 310 gccagttcga tgtcagagaa tttacctt ctcttttg gaggagtgc gttcttagcg 60  
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 313 <210> SEQ ID NO: 28  
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 315 <212> TYPE: DNA  
 316 <213> ORGANISM: Bacteriophage T7  
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 321 <210> SEQ ID NO: 29  
 322 <211> LENGTH: 50  
 323 <212> TYPE: DNA  
 324 <213> ORGANISM: Bacteriophage T7  
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 330 <211> LENGTH: 77  
 331 <212> TYPE: DNA  
 332 <213> ORGANISM: Artificial Sequence  
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RAW SEQUENCE LISTING ERROR SUMMARY  
 PATENT APPLICATION: US/08/978,636C

DATE: 02/25/2005  
 TIME: 10:02:38

Input Set : A:\PTO.AMC.txt  
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The rules require that a line not exceed 72 characters in length. This includes spaces.

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**RAW SEQUENCE LISTING ERROR SUMMARY**  
PATENT APPLICATION: US/08/978,636C

DATE: 02/25/2005  
TIME: 10:02:38

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Output Set: N:\CRF4\02252005\H978636C.raw

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**VERIFICATION SUMMARY**

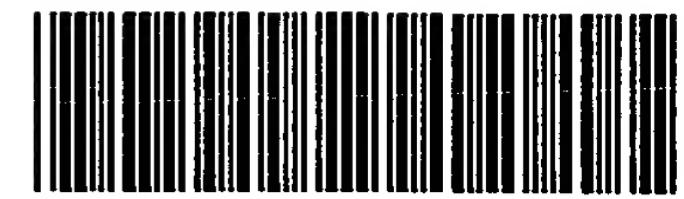
PATENT APPLICATION: US/08/978,636C

DATE: 02/25/2005

TIME: 10:02:38

Input Set : A:\PTO.AMC.txt

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IFW16

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/08/978,636C

DATE: 02/24/2005  
TIME: 12:55:46

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3 <110> APPLICANT: RABBANI, ELAZAR  
4 STAVRIANOPoulos, JANNIS G.  
5 DONEGAN, JAMES J.  
6 LIU, DAKAI  
7 KELKER, NORMAN E.  
8 ENGELHARDT, DEAN L.  
10 <120> TITLE OF INVENTION: NOVEL PROPERTY EFFECTING AND/OR PROPERTY EXHIBITING  
11 COMPOSITIONS FOR THERAPEUTIC AND DIAGNOSTIC USE  
13 <130> FILE REFERENCE: ENZ-53 (D3)  
15 <140> CURRENT APPLICATION NUMBER: 08/978,636C  
16 <141> CURRENT FILING DATE: 1997-11-25  
18 <150> PRIOR APPLICATION NUMBER: 08/574,443  
19 <151> PRIOR FILING DATE: 1995-12-15  
21 <160> NUMBER OF SEQ ID NOS: 63  
23 <170> SOFTWARE: PatentIn Ver. 3.2

*Does Not Comply  
Corrected Diskette Needed*

## ERRORED SEQUENCES

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726 <212> TYPE: DNA  
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729 <220> FEATURE:  
730 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic U1  
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733 <400> SEQUENCE: 63  
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735 gagtatccct gcctaagtct attcaactatc atgtgctgac ccctgcgagt tccccaaatg 120  
736 tggaaaactc gactgcataa tttgtggtag tggggactg cgtccgcgt ttccccctg 178  
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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/08/978,636C

DATE: 02/24/2005  
TIME: 12:55:47

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Seq#:38; Line(s) 429,430,431,432,433,435,436,437,438,439  
Seq#:39; Line(s) 440,441,442,443,444,446,447,448,449,450  
Seq#:40; Line(s) 451,452,453,454,455,457,458,459,460,461,462  
Seq#:41; Line(s) 463,464,465,466,467,469,470,471,472,473,474  
Seq#:42; Line(s) 475,476,477,478,479,481,482,483,484,485

**RAW SEQUENCE LISTING ERROR SUMMARY**  
PATENT APPLICATION: US/08/978,636C

DATE: 02/24/2005  
TIME: 12:55:47

Input Set : **A:\PTO.FG.txt**  
Output Set: **N:\CRF4\02242005\H978636C.raw**

Seq#:43; Line(s) 487,488,489,490,491,493,494,495,496,497  
Seq#:44; Line(s) 498,499,500,501,502,504,505,506,507,508,509  
Seq#:45; Line(s) 510,511,512,515,517,518,519,520,521,522  
Seq#:46; Line(s) 523,524,525,526,527,529,530,531,532,533,534  
Seq#:47; Line(s) 535,536,537,538,539,541,542,543,544,545,546  
Seq#:48; Line(s) 547,548,549,550,551,553,554,555,556,557,558  
Seq#:49; Line(s) 559,560,561,562,563,565,566,567,568,572  
Seq#:50; Line(s) 573,574,575,576,577,579,580,581,582,583,584

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/08/978,636C

DATE: 02/24/2005

TIME: 12:55:47

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\02242005\H978636C.raw

L:739 M:254 E: No. of Bases conflict, this line has no nucleotides.